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(71) Applicant (for all designated States except US): TC ELECTRONIC A/S [DK/DK]; Sindalsvej 34, DK-8240 Risskov (DK).

(72) Inventors; and

(75) Inventors/Applicants (for US only): ARKNÆS-PEDERSEN, Lars [DK/DK]; Bernstorffsvej 13, DK-8260 Viby J (DK). PEDERSEN, Kim, Rishøj [DK/DK]; Skæring Sandager 54, DK-8250 Egå (DK).

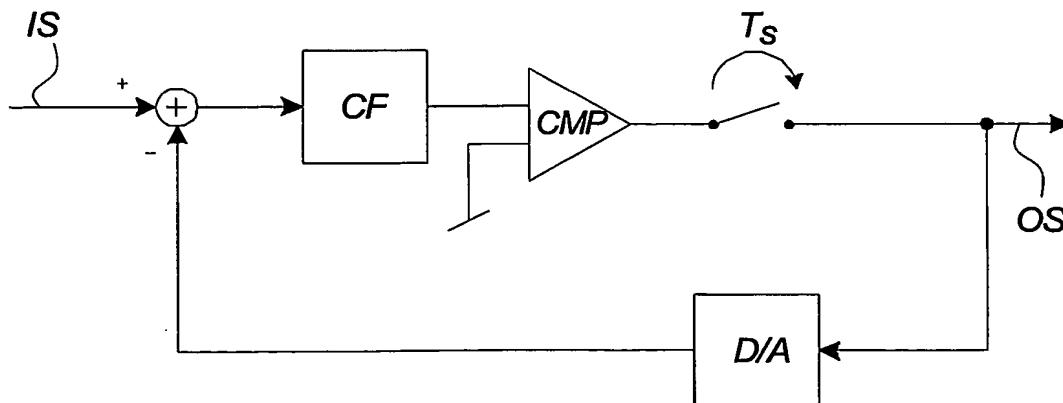
(74) Agent: PATENTGRUPPEN APS; Arosgaarden, Aaboulevarden 31, DK-8000 Aarhus C (DK).

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(54) Title: SELF-OSCILLATING A/D-CONVERTER



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(57) Abstract: The invention relates to at least one self-oscillating loop (SOL) comprising at least one forward path (FP), at least one feedback path (FBP) wherein said at least one forward path (FP) comprises amplitude quantizing means (AQM) combined with time quantizing means (TQM) and outputting at least one time and amplitude quantized signal (OS). According to the invention, a high-speed high-resolution A/D converter may be obtained.